

Title (en)
SUBSEA HYDROCARBON PRODUCTION SYSTEM

Title (de)
UNTERWASSER-KOHLLENWASSERSTOFFPRODUKTIONSSYSTEM

Title (fr)
SYSTEME DE PRODUCTION D'HYDROCARBURES SOUS-MARINS

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Application
EP 03761690 A 20030627

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Abstract (en)
[origin: WO2004003339A1] A system (1) for extracting subsea hydrocarbon fluid has five discrete subsea developments (10, 12, 14, 16, 18) for hydrocarbon extraction linked to four hydrocarbon receiving facilities (2, 4, 6, 8) by a pipeline network (94). Each subsea development (10, 12, 14, 16, 18) has a manifold to which pipelines of the network (94) are connected, and a pair of retrievable modules (22) docked on the manifold. Each module has a control pod which is able to control flows of fluids between the subsea developments and between the subsea developments and the receiving facilities, and each control pod is connected to monitoring devices for monitoring parameters pertaining to the subsea developments. Parameters are monitored at a first one of the subsea developments and a requirement for a first fluid type is identified and parameters at another second one of the subsea developments are monitored and a surplus of the first fluid type is identified. The relevant control pods are then operated to enable a quantity of the first fluid to be conveyed from the second to the first subsea development via the pipeline network (94).

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